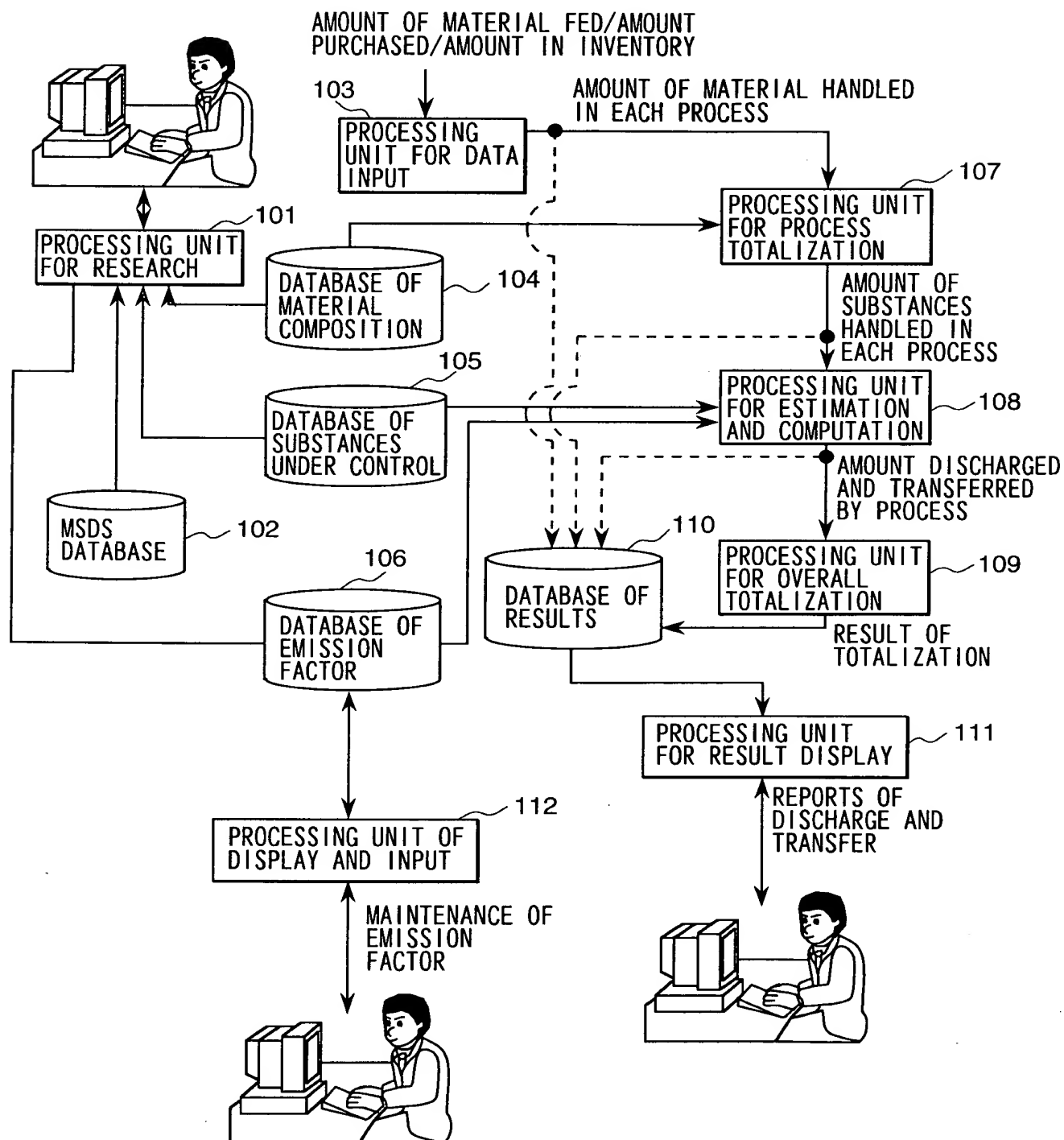


FIG. 1



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FIG. 2(a)

DATABASE OF MATERIAL COMPOSITION		
[NAME OF MATERIAL] × × RAW MATERIAL		
CAS REGISTRY NUMBER	COMPONENT OF COMPOSITION	COMPOSITION
7439-97-6	MERCURY	5~10%
75-01-4	VINYL CHLORIDE	40~50%

FIG. 2(b)

DATABASE OF SUBSTANCES UNDER CONTROL			
CAS REGISTRY NUMBER	NAME OF SUBSTANCE	KEI-DANREN	INDUSTRIAL ASSOCIATION (A)
557-20-0	DIETHYL ZINC		○
79-06-1	ACRYLAMIDE	○	○

DATA OF PHYSICAL PROPERTIES

MOLECULAR WEIGHT 71.1/VAPOR PRESSURE/MELTING POINT 84.5°C/SOLUBILITY IN WATER/BOILING POINT 87°C/SPECIFIC GRAVITY

FIG. 2(c)

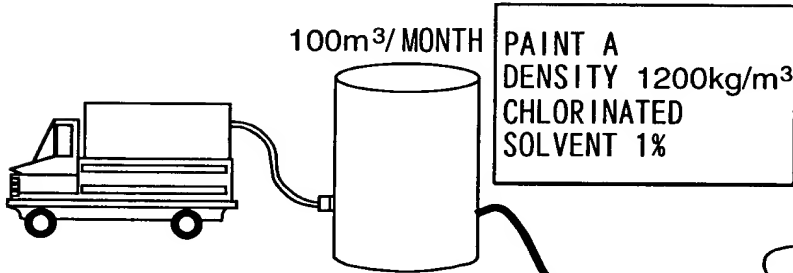
DATABASE OF EMISSION FACTOR				
PROCESS	SUBSTANCE FED	SUBSTANCE DISCHARGED	POINT OF DISCHARGE AND TRANSFER	EMISSION FACTOR
SECTION A, CLEANING	XYLENE	XYLENE	ATMOSPHERE	0.001
SECTION A, CLEANING	XYLENE	XYLENE	WASTE	0.3
SECTION A, CLEANING	METHYLENE CHLORIDE	METHYLENE CHLORIDE	WATERS	0.001
SECTION B, ASSEMBLING	METHYLENE CHLORIDE	DIOXIN	WASTE	0.9

FIG. 2(d)

MSDS DATABASE	
[NAME OF SUBSTANCE] ZINC OXIDE	
CHEMICAL NAME:	RAW MATERIAL, PRICE
ZINC WHITE	PRODUCTION METHOD, APPLICATIONS
ENGLISH NAME:	PRODUCTION, PRECAUTIONS
ZINC WHITE	PACKAGE, TOXICITY
CAS REGISTRY NUMBER:	APPLICABLE REGULATIONS
1314-13-2	
PROPERTIES	

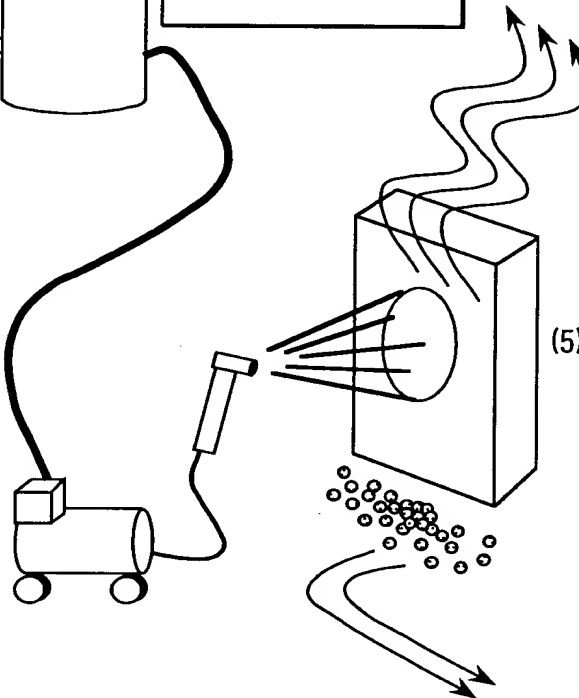
FIG. 3

(1) PURCHASE OF PAINT, RECEIVED



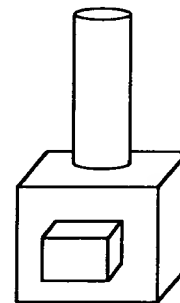
(3) DRYING, DISCHARGE INTO  
ATMOSPHERE 80% OF  
CHLORINATED SOLVENT

(2) COATING

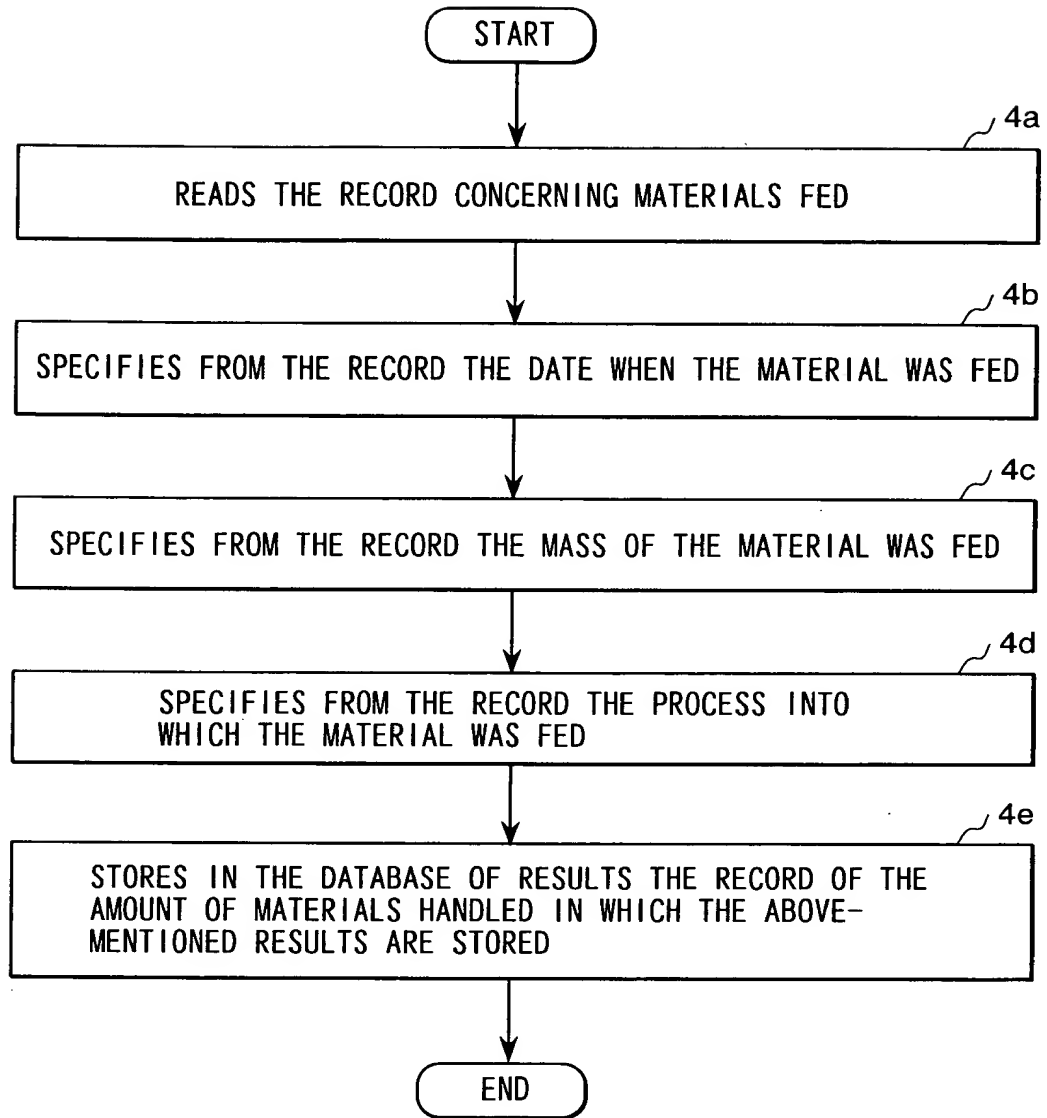


(5) DIOXIN RESULTING  
FROM 10<sup>-6</sup>% OF  
CHLORINATED SOLVENT

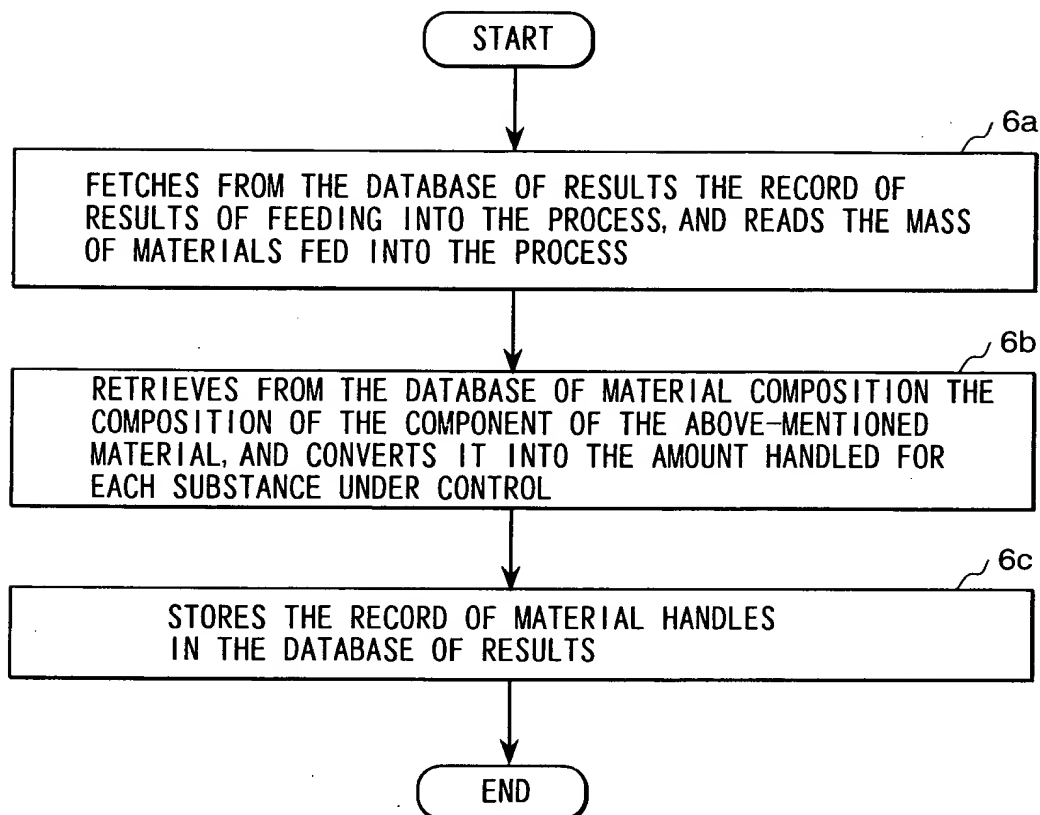
(4) SLUDGE RESULTING FROM  
10% OF CHLORINATED  
SOLVENT



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*FIG. 4**FIG. 5*

PROCESS	MATERIAL	MASS PURCHASED	DATE
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**FIG. 6****FIG. 7**

PROCESS	SUBSTANCE UNDER CONTROL	MASS PURCHASED	DATE
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FIG. 8

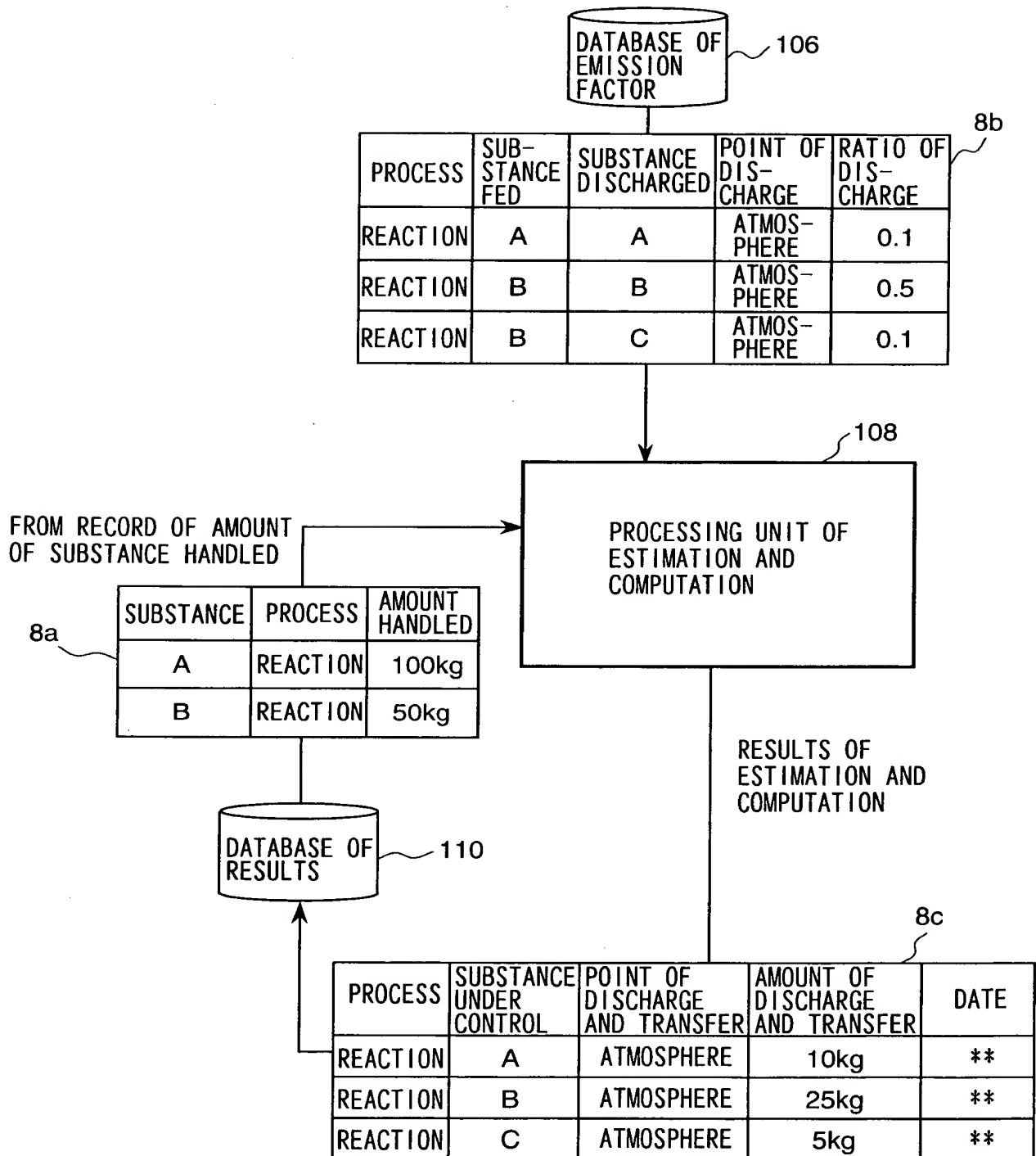


FIG. 9

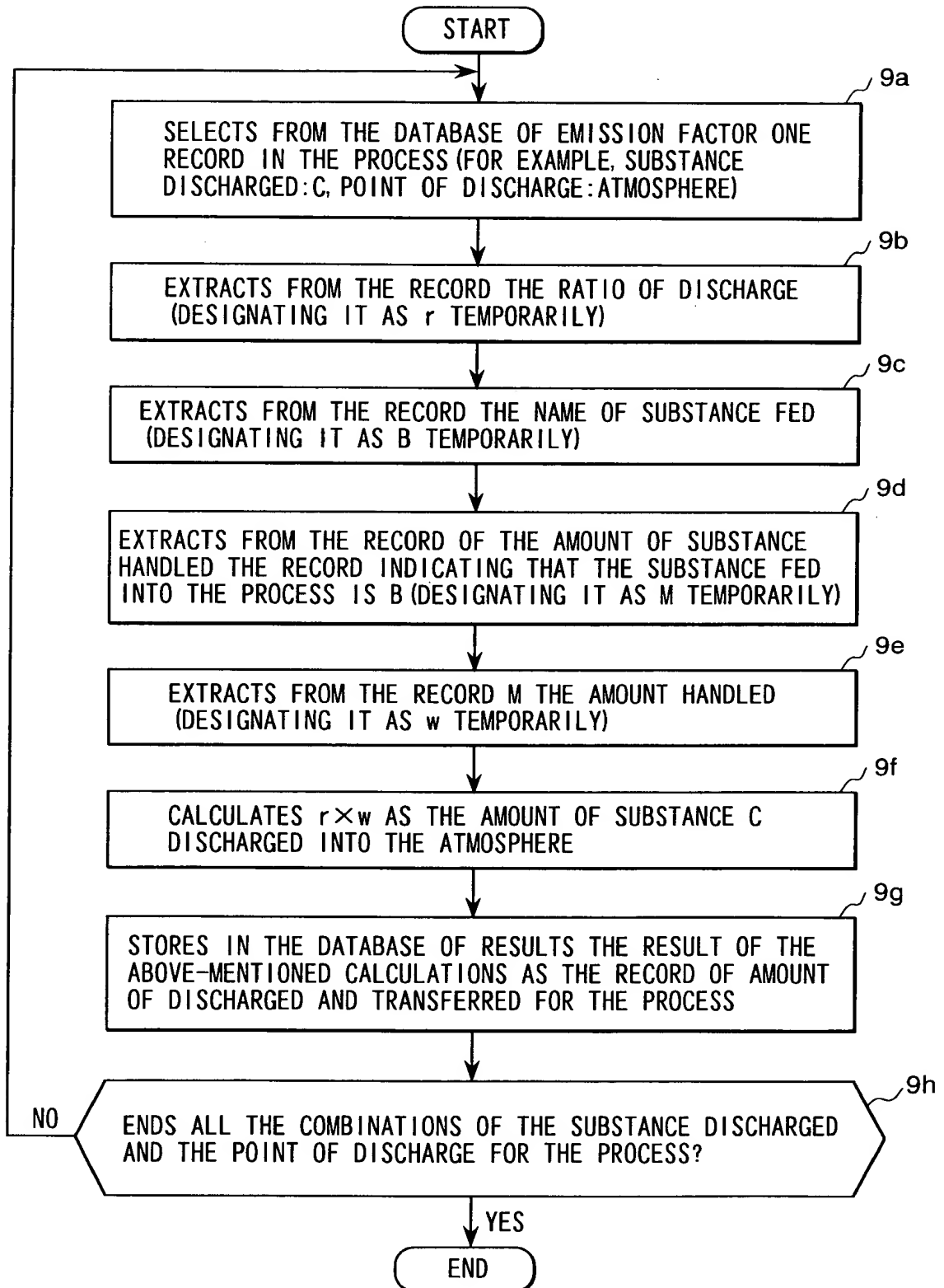


FIG. 10

PROCESS	SUBSTANCE UNDER CONTROL	POINT OF DISCHARGE AND TRANSFER	AMOUNT OF DISCHARGE AND TRANSFER	DATE
PROCESS	C	ATMOSPHERE	$r \times w$	DATE

FIG. 11

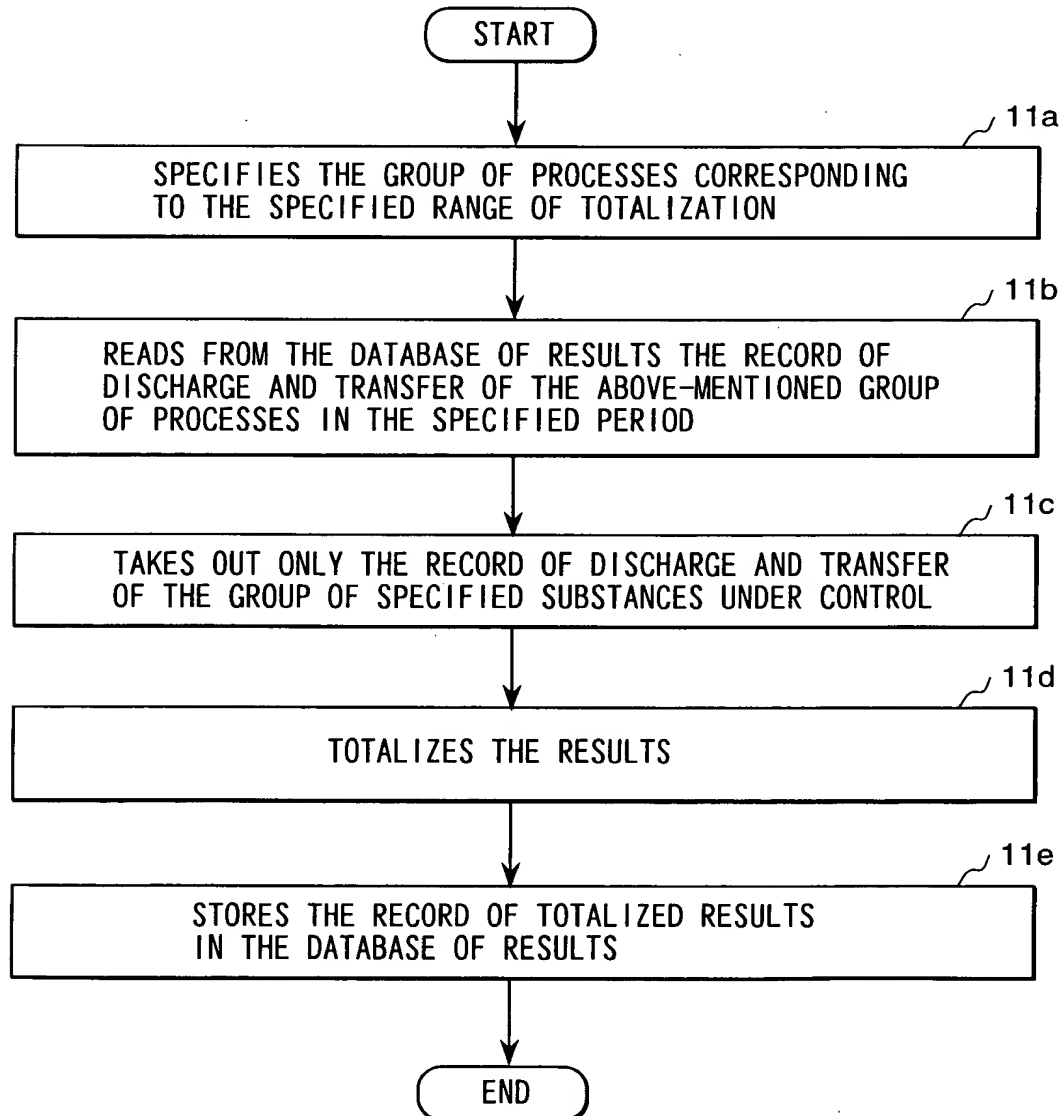




FIG. 12

ORGANIZATION	SUBSTANCE UNDER CONTROL	POINT OF DISCHARGE AND TRANSFER	AMOUNT OF DIS- CHARGE AND TRANSFER
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FIG. 13

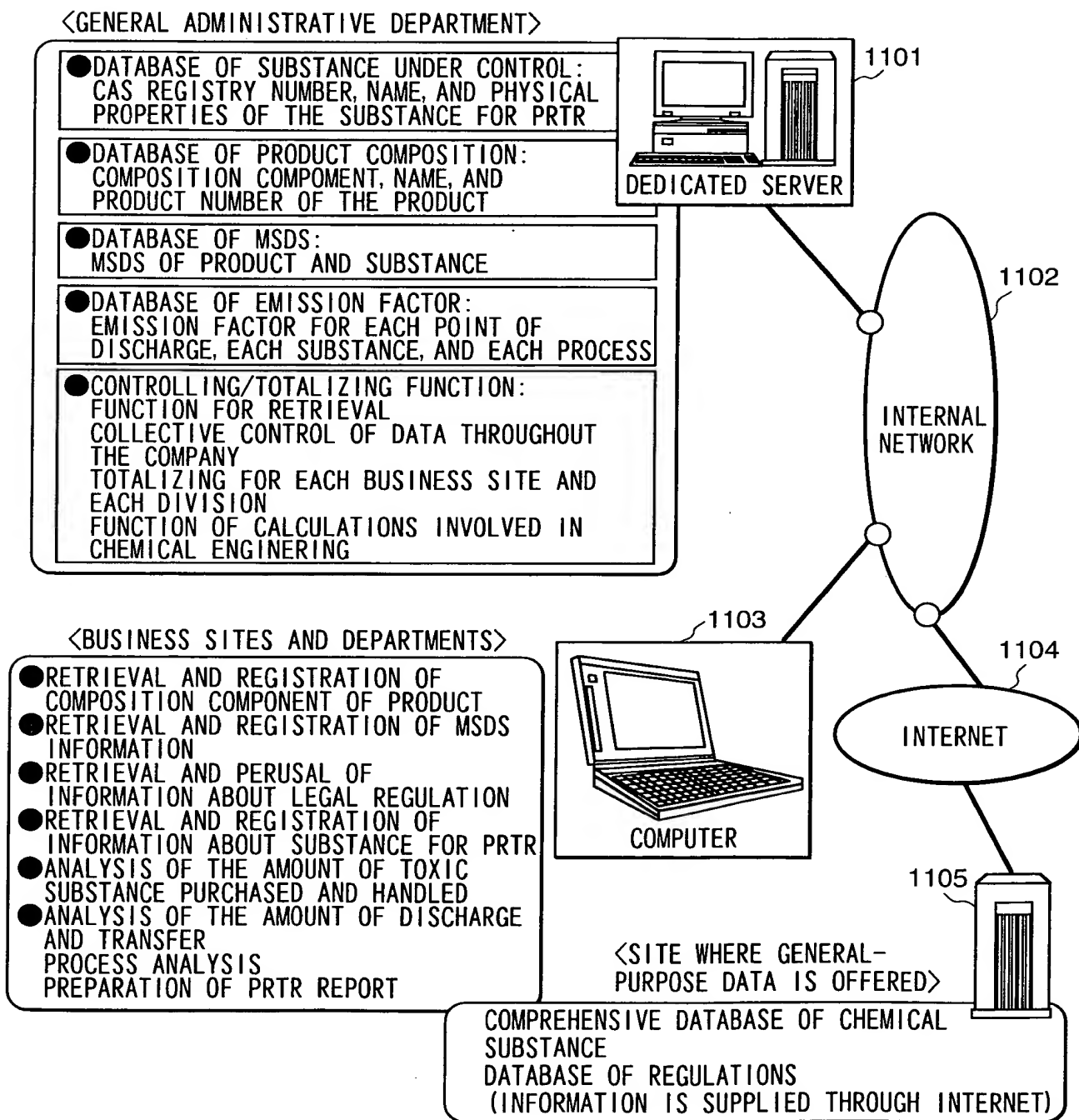


FIG. 14(a)

1001a

SCREEN DISPLAYING LIST OF EMISSION FACTORS				
PROCESS	SUBSTANCE FED	SUBSTANCE DISCHARGED	POINT OF DISCHARGE	FACTOR
SECTION A, CLEANING	XYLENE	XYLENE	ATMOSPHERE	0.001
SECTION A, CLEANING	XYLENE	XYLENE	WASTE	0.3
SECTION A, CLEANING	METHYLENE CHLORIDE	METHYLENE CHLORIDE	WATERS	0.001
SECTION B, ASSEMBLING	METHYLENE CHLORIDE	DIOXIN	WASTE	0.9

FIG. 14(b)

1001b

SCREEN OF EMISSION FACTOR MAINTENANCE

NAME OF WORKING SITE: RENEW

NAME OF JOB SITE: PRODUCTION TEAM 2

PROCESS: DEVELOPMENT WITH  $\alpha$ -XYLENE

NAME OF PRODUCT: OMR DEVELOPMENT SOLUTION

MAINTENANCE OF DISTRIBUTION COEFFICIENT WILL BE PERFORMED

---

INPUT

NAME OF SUBSTANCE: XYLENES (MISTURE)

DISCHARGE: CHIMNEY FOR DISCHARGE INTO ATMOSPHERE, POINT SOURCE

OUTPUT:

NAME OF SUBSTANCE:  SELECTION OF  
SUBSTANCE NAME

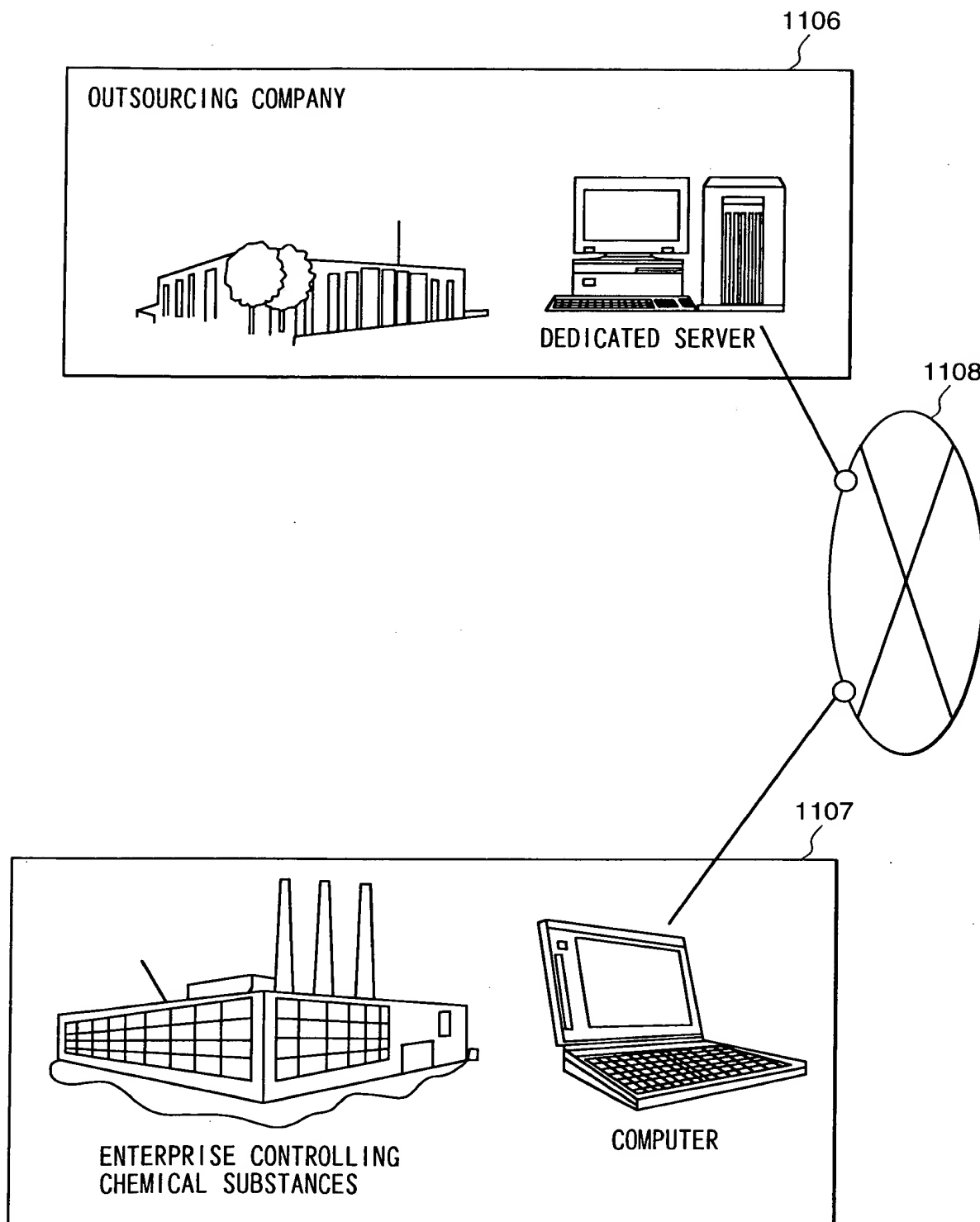
DISTRIBUTION COEFFICIENT: 30 %

REPORT: YES %

METHOD OF CALCULATION: B: MATERIAL BALANCE,

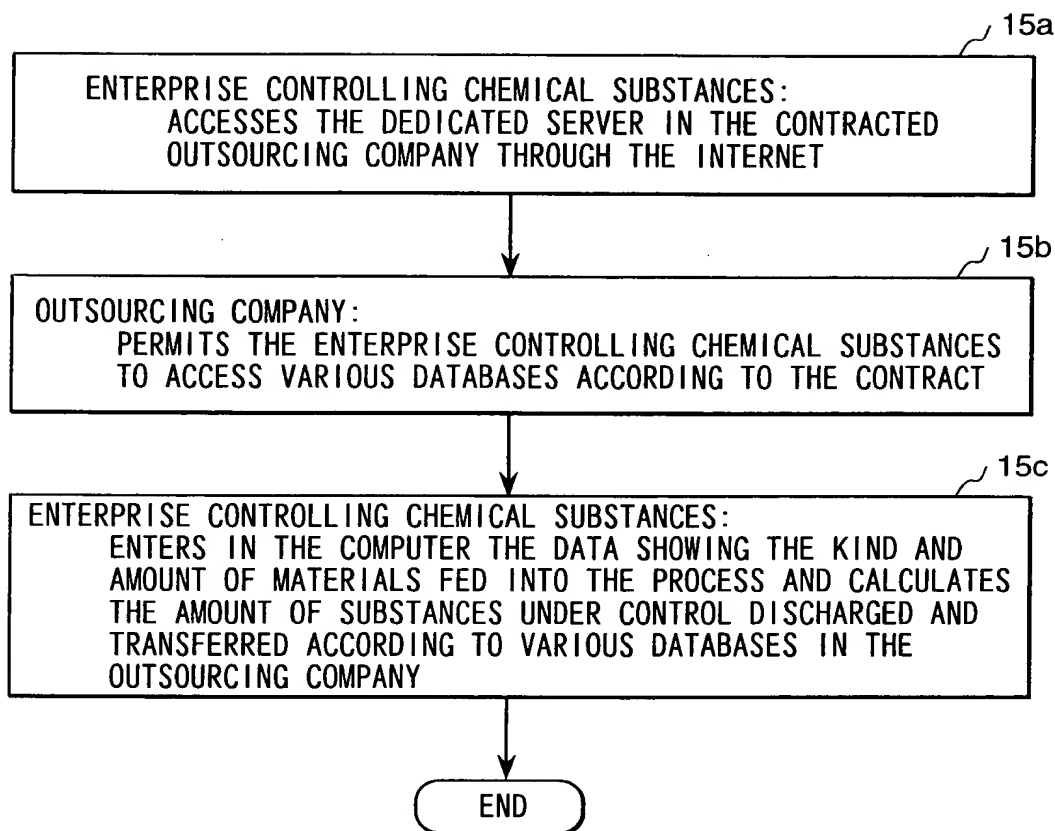
CALCULATION OF CHEMICAL INDUSTRY

FIG. 15



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FIG. 16



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